

Amendments to Claims:

1. (Original) A polypeptide-dimer comprising two soluble gp130 molecules, wherein at least one of said soluble gp130 molecules is covalently linked to polyethylene glycol.
2. (Original) The polypeptide-dimer of claim 1, wherein each of said soluble gp130 molecules is covalently linked to polyethyleneglycol.
3. (Original) The polypeptide-dimer of claim 1 or 2, wherein at least one of said two soluble gp130 molecules comprises the amino acid sequence as depicted in Figure 2 or 3.
4. (Original) The polypeptide-dimer of claim 3, wherein both of said two soluble gp130 molecules comprise the amino acid sequence as depicted in Figure 2 or 3.
5. (Original) The polypeptide-dimer of any one of claims 1 to 4, wherein the two soluble gp130 molecules are linked to each other through one or more disulfide bridges.
6. (Original) The polypeptide-dimer of claims 1 to 4, wherein the two soluble gp130 molecules are linked to each other through a forked polyethylene glycol.
7. (Original) The polypeptide-dimer of any one of claims 1 to 4, wherein the two soluble gp130 molecules are linked to each other through a flexible peptide linker.
8. (Withdrawn) A polynucleotide encoding the polypeptide-dimer of any one of claims 1 to 7 or a monomer of said dimer.
9. (Withdrawn) An expression vector containing a polynucleotide of claim 8.

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10. (Withdrawn) A host cell containing an expression vector of claim 9.
11. (Withdrawn) A method of producing the polypeptide-dimer of any one of claims 1 to 7, comprising culturing a host cell of claim 10, recovering the polypeptide-monomer or dimer from said host cell or the culture and PEGylating the monomers or dimers.
12. (Original) A pharmaceutical composition containing a polypeptide-dimer of any one of claims 1 to 7.
13. (Original). Use of a polypeptide-dimer according to any one of claims 1 to 7 for the preparation of a pharmaceutical composition for the treatment or prevention of bone resorption, hypercalcemia, cachexia, a tumor, an autoimmune disease, an inflammatory disease, a bacterial or viral infection.